SEQUENCE LISTING

```
<110> Eric B. Kmiec
     Howard B. Gamper
     Richard J. Bartlett
<120> Binary Hybrid Mutational Vectors
<130> 8321-74
<150> 60/209,530
<151> 2000-06-05
<160> 10
<170> FastSEQ for Windows Version 4.0
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<223> hairpin loop
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<223> deoxyribonucleotide base
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<223> hairpin loop
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 <223> mutator strand B
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50

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<223> Primary Sequence of Duplex Mutational Vector S
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<222> 13
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ttttggagag
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<223> Exon 7 bHMV mutator strand
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<222> 24
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<213> Artificial Sequence
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<222> (34)...(49)
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